

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



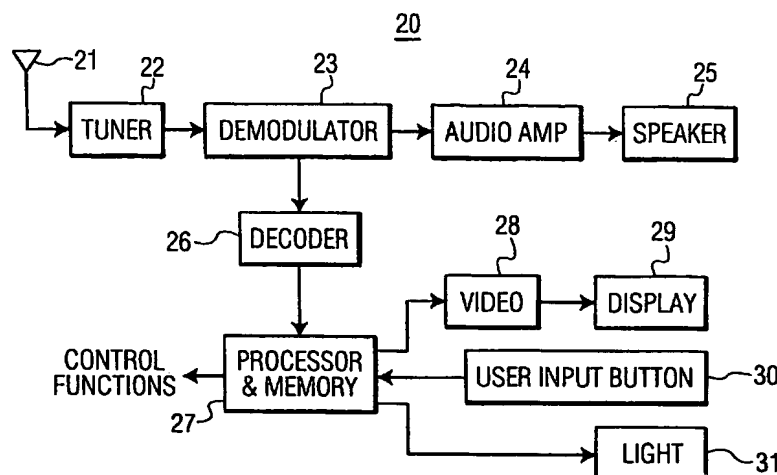
(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/093430 A2

- (51) International Patent Classification⁷: **H04N**
- (21) International Application Number:
PCT/US2004/009641
- (22) International Filing Date: 30 March 2004 (30.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/459,313 1 April 2003 (01.04.2003) US
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **GURLEY, Thomas, David** [US/US]; 7043 West Green Springs Road, Indianapolis, IN 46214 (US). **YOST, Thomas, Dale** [US/US]; 4509 Ashwood Drive, Indianapolis, IN 46268 (US).
- (74) Agents: **TRIPOLI, Joseph, S. et al.**; Two Independence Way, Suite #200, Princeton, NJ 08540 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: APPARATUS HAVING AN EMERGENCY ALERT FUNCTION WITH SINGLE BUTTON CONTROL



(57) Abstract: An apparatus (20) such as a television signal receiver, radio or other device provides an emergency alert function. According to an exemplary embodiment, the apparatus (20) includes a tuner (22) for tuning a channel frequency that provides emergency alert signals indicating an emergency event. A processor (27) enables an alert output responsive to the emergency alert signals. A single user input button (30) receives tactile user inputs to control the emergency alert function. The single user input button (30) is the only tactile user input means integral with the apparatus (20) that is capable of controlling the emergency alert function.